Reply to Office Action of April 1, 2008

Docket No.: 0471-0286PUS1

**AMENDMENTS TO THE CLAIMS** 

1-17. (Canceled)

18. (Currently Amended) A method for the treatment and care of primary and secondary

tumors by inhibiting angiogenesis which comprises applying at the tumor site a biomaterial

comprised of a benzyl ester of hyaluronic acid wherein said hyaluronic acid is at least 85%

benzyl esterified, and wherein said biomaterial inhibits angiogenic processes related to

vascularization and wherein said biomaterial is in the form of at least one member selected from

the group consisting of a non-woven felt, sponge, microsphere, film and membrane.

19. (Previously Presented) The method of claim 18, wherein said hyaluronic acid is at least

90% benzyl esterifed.

20. (Previously Presented) The method of claim 18, wherein said hyaluronic acid is at least

95% benzyl esterified.

21. (Previously Presented) The method of claim 18, wherein said hyaluronic acid is 100%

benzyl esterified.

22. (Previously Presented) The method according to claim 18 wherein said hyaluronic acid is

in association with other natural, synthetic and/or semisynthetic biopolymers.

23. (Previously Presented) The method according to claim 22, wherein the natural biopolymer

is selected from the group consisting of collagen, cellulose, polysaccharides, chitin, chitosan,

pectins, agar, gellan and alginic acid.

24. (Previously Presented) The method according to claim 22, wherein the synthetic

biopolymer is selected from the group consisting of polylactic acid (PLA), polyglycolic acid

(PGA), polyurethanes and polysulphonic resins.

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25. (Previously Presented) The method according to claim 22, wherein the semisynthetic

biopolymer is selected from the group consisting of collagen cross-linked with aldehydes,

diamine and gellan.

26. (Previously Presented) The method according to claim 18 wherein the biomaterial further

comprises with at least one pharmacologically active substance.

27. (Previously Presented) The method according to claim 26, wherein the pharmacologically

active substance is selected from the group consisting of fluorouracil, methotrexate, cis-platinum,

carboplatin, oxaliplatin, ethopoxide, cyclophosphamide, vincristine, and doxorubicin.

28. (Cancelled)

29. (Canceled)

30. (Previously Presented) The method according to claim 18, wherein said biomaterial is

applied to the tumor site by filling a cavity resulting from the surgical removal of a tumor.

31. (New) A method for the treatment and care of primary and secondary tumors by inhibiting

angiogenesis which comprises applying at the tumor site a biomaterial consisting essentially of a

benzyl ester of hyaluronic acid wherein said hyaluronic acid is at least 85% benzyl esterified,

wherein said biomaterial inhibits angiogenic processes related to vascularization and wherein

said biomaterial is in the form of at least one member selected from the group consisting of a

non-woven felt, sponge, microsphere, film and membrane.

32. (New) The method of claim 31, wherein said hyaluronic acid is at least 90% benzyl esterifed.

33. (New) The method of claim 31, wherein said hyaluronic acid is at least 95% benzyl

esterified.

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- 34. (New) The method of claim 31, wherein said hyaluronic acid is 100% benzyl esterified.
- 35. (New) The method according to claim 31, wherein said biomaterial is applied to the tumor site by filling a cavity resulting from the surgical removal of a tumor.